

Southern Yellow Pine specific gravity = 0.55; allowable load per anchor = 364 lbs.

Spruce Pine Fir specific gravity = 0.42; allowable load per anchor = 274 lbs.

Anchor: 3/8" dia x 3-1/2" long Simpson Strong-Tie Wedge-All.

Washer: 7/8" O.D. / 7/16" I.D. min; must conform to ANSI B18.22.1 type A.  
3" minimum anchor edge distance required.

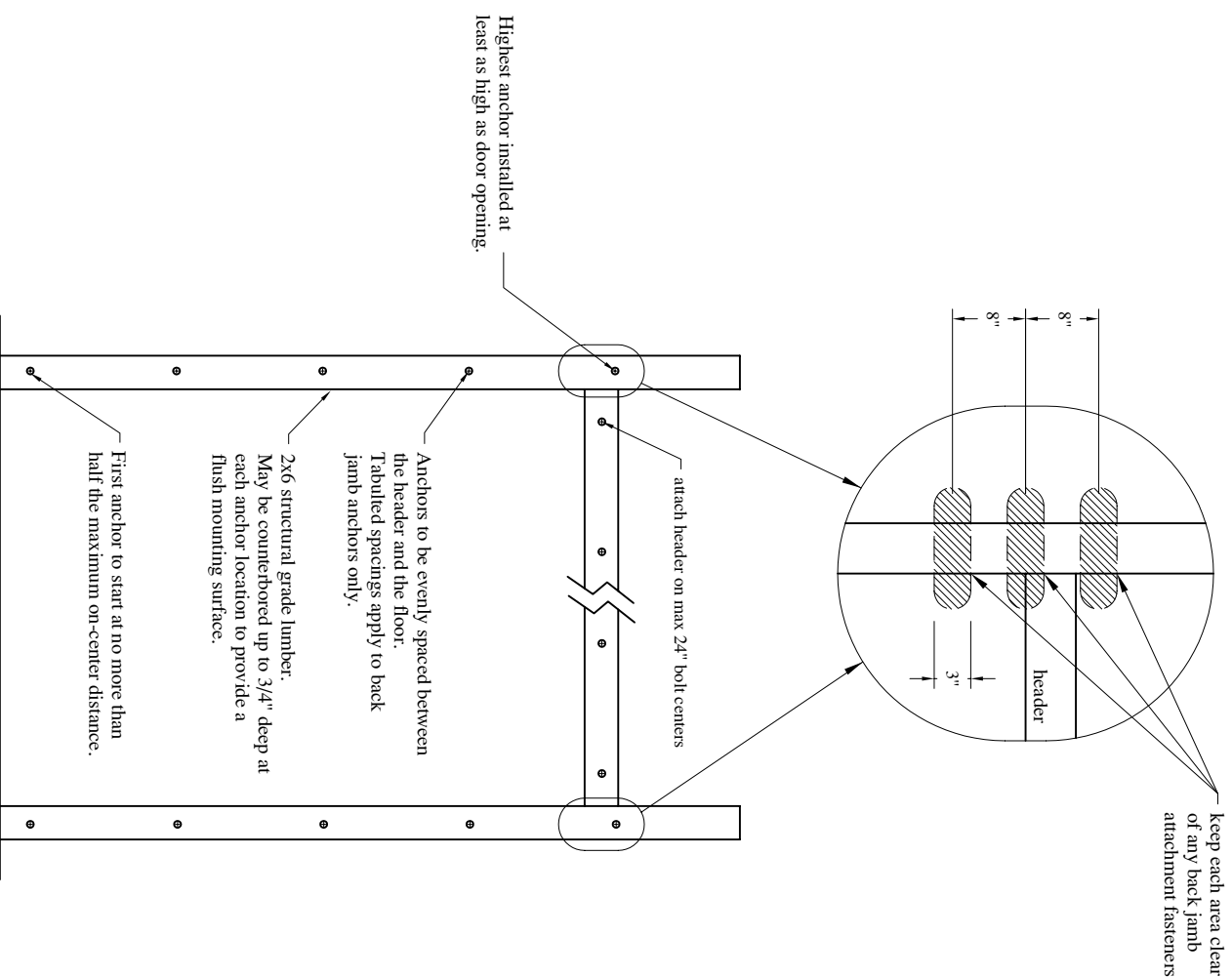
1-3/4" minimum embedment required.

Maximum spacing shown in chart. Lesser spacing may be used to avoid interference with door component system.

Spring pad connection not included.

Maximum load per jamb =  $0.5 \times \text{door width} \times \text{max positive pressure} \times \text{door height}$

		Maximum Fastener On-Center Spacing	
Door Width	Zone / Max Positive Pressure	Southern Yellow Pine	Spice Pine Fir
9	Zone 1 / 12.8	24	24
	Zone 2 / 15.9	24	24
	Zone 3 / 19.2	24	24
	Zone 4 / 22.9	24	24
	Zone 5 / 26.9	24	24
	Zone 6 / 31.2	24	23
	Zone 7 / 35.7	24	20
	Zone 8 / 38.7	24	18
	Zone 9 / 42.6	22	17
	Zone 1 / 12.8	24	24
10	Zone 2 / 15.9	24	24
	Zone 3 / 19.2	24	24
	Zone 4 / 22.9	24	24
	Zone 5 / 26.9	24	24
	Zone 6 / 31.2	24	21
	Zone 7 / 35.7	24	18
	Zone 8 / 38.7	22	16
	Zone 9 / 42.6	20	15
	Zone 1 / 12.4	24	24
	Zone 2 / 15.3	24	24
16	Zone 3 / 18.5	24	22
	Zone 4 / 22.0	24	18
	Zone 5 / 25.9	21	15
	Zone 6 / 30.0	18	13
	Zone 7 / 34.4	15	11
	Zone 8 / 37.1	14	11
	Zone 9 / 40.9	13	10
	Zone 1 / 12.4	24	24
	Zone 2 / 15.3	24	23
	Zone 3 / 18.5	24	19
18	Zone 4 / 22.0	22	16
	Zone 5 / 25.9	18	14
	Zone 6 / 30.0	16	12
	Zone 7 / 34.4	14	10
	Zone 8 / 37.1	13	9
	Zone 9 / 40.9	11	8



Alternative design may be approved by a registered professional engineer.

Supporting structural elements shall be designed by a registered professional engineer for wind loads in addition to other loads.

Calculation reference: DASHA TDS #161C, 2005 AF&PA NDS for Wood

### Construction and Simpson Strong-Tie data.

GHI	SCALE
	none
DATE	06-22-2006
OVERHEAD DOORS	

## Back Jamb Attachment Detail

C.H.I. Drawing: BJA-003-02